

# Comparisons of Job Characteristics

**Focus Occupation: Firefighters (33-2011)**

**Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 64

**Focus Occupation: Firefighters (33-2011)**

**Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Customer and Personal Service	11.3	21.0	16.3	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	16.4	6.6	<<	Extensive education and/or training may be required
Psychology	6.4	12.5	7.9	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	12.4	15.5	>	Current knowledge level is likely sufficient
Transportation	4.6	11.7	9.6	<	Expanded education and/or training may be required
Personnel and Human Resources	5.6	11.2	8.6	<<	Extensive education and/or training may be required
Therapy and Counseling	3.8	10.5	6.4	<<	Extensive education and/or training may be required
Telecommunications	3.9	7.5	8.8	>	Current knowledge level is likely sufficient
Biology	3.7	7.0	4.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 70

**Focus Occupation: Firefighters (33-2011)**

**Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Service Orientation	7.9	11.9	10.9	0	Current skill level may be sufficient
Coordination	9.1	11.6	12.0	0	Current skill level may be sufficient

Active Learning	8.7	11.4	8.4	<<	Extensive development of skills in this area may be required
Science	4.5	11.1	3.7	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	9.1	10.3	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 76			
Focus Occupation: Firefighters (33-2011) Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Perceptual Speed	7.4	11.0	9.8	<	Some improvement in abilities may be required
Static Strength	5.0	11.0	12.7	>	Current ability level is likely sufficient
Response Orientation	4.0	10.1	11.6	>	Current ability level is likely sufficient
Time Sharing	6.6	9.1	9.9	0	Current ability level may be sufficient
Glare Sensitivity	2.6	6.8	7.5	>	Current ability level is likely sufficient
Peripheral Vision	2.2	5.6	8.2	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 87
<b>Focus Occupation: Firefighters (33-2011)</b> <b>Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)</b>		
Work Activities	Exclusivity of Activity	
Communicate technical information	4	
Drive emergency rescue or firefighting vehicles	92	
Follow police or emergency radio regulations	87	
Operate emergency fire or rescue equipment	80	
Use emergency medical procedures	64	
Use first aid procedures	70	
Use hazardous materials information	35	
Use rescue procedures	87	
Use two-way radio or mobile phone	42	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 81

**Focus Occupation: Firefighters (33-2011)**

**Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)**

Tools and Technologies	Exclusivity
Blood pressure units and related products	11
Casting and splinting supplies	25
Computers	1
Cutting and crimping and punching tools	3
Data management and query software	1
Dock equipment	40
Electrocardiography EKG units and related products	20
Emergency and field medical services kits	19
Emergency medical services airway management equipment	56
Emergency medical services extricating and immobilizing and transporting products	35
Emergency medical services resuscitation products	15
Forming tools	2
Industry specific software	1
Oxygen therapy delivery systems and devices	13
Patient point of care testing supplies and equipment	23
Personal communication devices	2
Prying and bending tools	10
Pulse oximeters	18
Restraints and accessories	37
Resuscitation supplies	29
Safety and rescue vehicles	37
Safety apparel	4
Stethoscopes and related products	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.